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- (S4) Polycarbonate compositions having multiple phase impact modifiers therein.
- 57) Polycarbonates are blended with an impact modifier to improve the impact resistance thereof. The impact modifier is a multiple phase polymer system prepared by subsequent multiple stage polymerizations. The first phase which constitutes from about 50 percent to about 90 percent by weight of the multiple phase impact modifier is generally an elastomer such as an alkyl acrylate wherein the alkyl portion has from 2 to 18 carbon atoms. The second phase polymer is generally a plastic type compound such as a vinyl substituted aromatic, an alkyl methacrylate, or an alkenyl nitrile compound. The impact modifiers are made without utilizing any crosslinking or grafting agents and thus are substantially free of any such bonds and are generally freeflowing powders.



EUROPEAN SEARCH REPORT

EP 89 11 8308

DOCUMENTS CONSIDERED TO BE RELEVA Citation of document with indication, where appropriate,					CLASSISION OF THE	
Category		h indication, where appropriate, vant passages		levant claim	CLASSIFICATION OF THE APPLICATION (Int. CI.5)	
Α	FR-A-2 209 804 (BAYER) * Claims 1,4-7; page 1, line 24 - page 5, line 23; examp	35 - page 3, line 8; page 4, l le 2 *	l	,7-9	C 08 L 69/00 // (C 08 L 69/00 C 08 L 53:00)	
A	EP-A-0 064 692 (BAYER) * Abstract; claim 1; page 8, line 19 - page 16, line 21 *		1-9			
Α	US-A-3 742 088 (C.B. HOLDER et al.) * Whole document *		1			
D,A	US-A-4 086 296 (D.T. CAF * Claims 1,6-8; column 2, lin 5 *	RTY ET AL.) le 9 - column 5, line 44; exal		4,6-9		
D,A	US-A-3 251 904 (L.C. SOUDER et al.) * Claims 1-6; example 1 *		1,2,	6		
					TECHNICAL FIELDS	
					SEARCHED (Int. CI.5)	
	The present search report has b	peen drawn up for all claims				
	Place of search	Date of completion of sear	ch T		Examiner	
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